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Application No. 10/811,168
Filed: March 26, 2004
TC Art Unit: 3677
Confirmation No.: 1995

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A safety buckle, comprising:
 - a socket having a cavity with a first surface;
 - a first catch in the cavity and adjoining the first surface and directed away from the first surface;
 - a plug with a central arm for insertion into the socket;
 - a first latch on the central arm sized and positioned to permit engagement with the first catch when the plug is inserted into the socket in a first relative orientation to releaseably retain the plug and socket together;
 - a second catch or second latch on an opposing side of the cavity or central arm, respectively, and sized and positioned with a symmetry to the first catch or first latch, respectively, to permit an alternate engagement with the corresponding first catch or first latch, such that the socket and plug may be releaseably retained together in a second relative orientation different from the first relative orientation;
 - one of the first or second latches on the central arm or one of the first or second catches in the cavity being free from engagement when the plug and socket are releaseably retained together; and

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a disengagement device on the socket or plug and integral with the socket or plug and operable to displace the central arm when actuated to disengage one or more engagements involving the central arm.

2. (Canceled)

3. (Previously Presented) The buckle according to claim 1, wherein the central arm includes the second latch for cooperating with the first catch of the socket.

4 - 23. (Canceled)

24. (Previously Presented) The buckle according to claim 1, wherein:

the socket includes the second catch; and

the first latch is a protrusion of the central arm.

25. (Previously Presented) The buckle according to claim 1, wherein:

the cavity comprises a second surface opposing the first surface;

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the first catch comprises a first opening in the first surface;

the second catch comprises a second opening in the second surface;

- the first and second openings being sized and shaped to cooperate with the first latch on the central arm of the plug.

26. (Currently Amended) A safety buckle, comprising:

a first buckle member including having a projection with a
first engagement part located thereon;

a second buckle member including having a cavity for
receiving the projection with a second engagement part located
therein;

~~the first and second buckle members being complementary~~
~~shaped to provide an interactive fit when the first and second~~
~~buckle members are fitted together;~~

~~the first and second engagement parts being cooperative to~~
~~retain the first and second buckle members together when the first~~
~~and second buckle members are fitted together~~
projection is inserted into the cavity in a first relative orientation;

one of the first or second engagement parts having a symmetrically functional counterpart, such that another of the

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first or second engagement parts cooperates with the counterpart to retain the first and second buckle members together when the ~~first and second buckle members are fitted together projection is~~ inserted into the cavity in a relative orientation different from the first relative orientation, the one of the first or second engagement parts being free from engagement; and

a disengagement device integral with the first or second buckle member and operable to displace the ~~first or second engagement part projection~~ to disengage cooperative engagement parts or the counterpart when actuated.

27. (Currently Amended) The safety buckle according to claim 26, wherein the projection further comprising comprises a central arm on one of the first or second buckle members, the first or second engagement part being located on the central arm.

28. (Currently Amended) The safety buckle according to claim 27, wherein the counterpart is located on an opposite side of the central arm from the first or second engagement part.

29. (Currently Amended) The safety buckle according to claim 26, wherein the projection further comprising comprises two central

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~~arms on one of the first or second buckle members, one central arm having one of the first or second engagement parts part thereon, and the other central arm having the counterpart.~~

30. (Currently Amended) The safety buckle according to claim 27, wherein the first engagement part is on the central arm and is formed as a recess with a shoulder near an end of the central arm, the counterpart also being arranged on the central arm.

31. (Previously Presented) The safety buckle according to claim 26, wherein one of the first or second engagement parts is located on the disengagement device.

32. (Currently Amended) A safety buckle that can be clasped in a plurality of orientations, comprising:

a first buckle member and a second buckle member, being complementary shaped to fit together with each other in a clasped condition;

a cavity in one of the first or second buckle members;
a projection on another of the first or second buckle members, the projection being inserted into the cavity of the one of the first or second buckle members in the clasped condition;

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a first engagement structure on the projection and a second engagement structure in the cavity, the first and second engagement structures being internal to the buckle in the clasped condition with one of the first or second engagement structures on each of the first and second buckle members and sized and positioned to cooperate with each other to retain the first and second buckle members together in the clasped condition in a first orientation;

another engagement structure located on one of the first or second buckle members the projection or in the cavity and sized and positioned to cooperate with one of the first or second engagement structures to retain the first and second buckle members together in the clasped condition in a second orientation different from the first;

another of the first or second engagement structures being free from engagement in the second orientation; and

a disengagement device integral with the first or the second buckle member and operable to displace the first or second engagement structure the projection to disengage cooperative engagement structures when actuated.

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33. (Currently Amended) The safety buckle according to claim 32,
wherein the projection further comprising comprises a central arm
~~on one of the first or second buckle members, the one of the first~~
~~or second engagement structures being located on the central arm.~~

34. (Currently Amended) The safety buckle according to claim 33,
wherein the another engagement structure is located on an opposite
side of the central arm from ~~the one of the first or second~~
~~engagement structure. structures.~~

35. (Currently Amended) The safety buckle according to claim 32,
wherein the projection further comprising comprises two central
arms ~~on one of the first or second buckle members~~, one central arm
having ~~the one of the first or second engagement structures,~~
~~structure, and the other central arm having the another engagement~~
structure.

36. (Currently Amended) The safety buckle according to claim 34,
~~wherein the one of the first or second engagement structures~~
~~structure or the another engagement structure on the central arm~~
is formed as a recess with a shoulder near an end of the central
arm.

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37. (Previously Presented) The safety buckle according to claim 32, wherein the one of the first or second engagement structures is located on the disengagement device.

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